

## Methods and Materials

Single colonies of wild-type *Rhodobacter sphaeroides* WS8N and *Pseudomonas putida* KT2440 were grown in SUX media and Lysogeny Broth respectively overnight to stationary phase at 30°C with orbital shaking at 225 rpm.

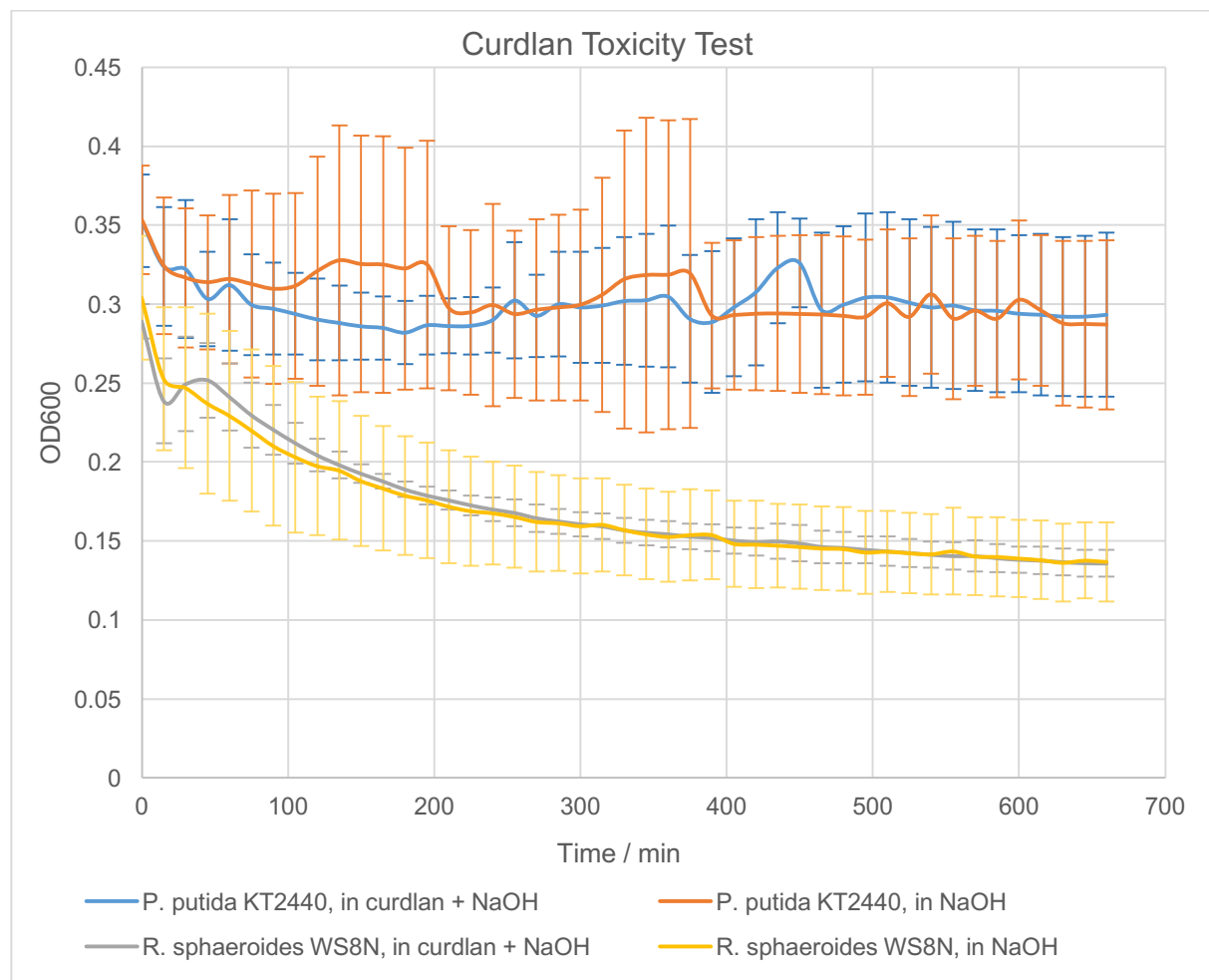
1% w/v curdlan in NaOH was made by adding 0.1g of solid curdlan to 10mL of 0.5M NaOH and warming the mixture at 55°C with regular vigorous shaking for 15 minutes to achieve complete dissolution.

100µL of stationary culture was added to 100µL of curdlan-NaOH or NaOH in the wells of a Corning 96-well flat bottom plate, and each condition was repeated in six-plicate.

The plate was incubated at 30°C in a FLUOstar Omega Microplate Reader with 200 rpm shaking in between reads, and OD<sub>600</sub> was monitored every 15 minutes.

The data obtained from each six-plicate was averaged, and error bars were constructed using the standard deviations at each time point.

## Results



1% curdlan does not appear to present any additional toxicity over the 0.5M NaOH solvent.